

TSMC-02-189/03-856



April 16, 2004

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/796,430 03/09/04 |

Chin-Shan Hou et al.

A PLACEMENT AND ROUTING METHOD
TO REDUCE JOULE HEATING

ASSOCIATE POWER OF ATTORNEY

I hereby appoint Doug Schnabel, registration number
47,927, as my associate attorney in this case. His telephone
number is (517) 686-3462.

Please continue to direct all correspondence in this case
to the undersigned attorney.

Respectfully submitted,

Stephen B. Ackerman,

Principal attorney of record